

Title (en)
TIRE

Title (de)
REIFEN

Title (fr)
PNEUMATIQUE

Publication
EP 3812173 A4 20220608 (EN)

Application
EP 19826066 A 20190613

Priority
• JP 2018120276 A 20180625
• JP 2019023514 W 20190613

Abstract (en)
[origin: EP3812173A1] A tire includes a tire case and a belt provided at an outer periphery of the tire case. A resin-covered cord of the belt is formed of reinforcing cords covered with a resin. The resin-covered cord is wound in a helical shape in the tire circumference direction on the outer periphery of the tire case and is joined to the tire case. Portions of the resin-covered cord that are adjacent to one another in the tire axis direction are joined to one another. Areas of tire diameter direction cross sections of an end portion of the resin-covered cord decrease toward a tip of the resin-covered cord. The reinforcing cords are exposed at a tapered surface of the end portion.

IPC 8 full level
B60C 9/22 (2006.01); **B60C 9/20** (2006.01)

CPC (source: EP US)
B60C 9/2003 (2013.01 - US); **B60C 9/22** (2013.01 - EP US); **B60C 9/2204** (2013.01 - EP US); **B60C 2009/2238** (2013.01 - EP US)

Citation (search report)
• [E] WO 2019239941 A1 20191219 - BRIDGESTONE CORP [JP]
• [A] EP 3290229 A1 20180307 - BRIDGESTONE CORP [JP]
• See references of WO 2020004063A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3812173 A1 20210428; **EP 3812173 A4 20220608**; CN 112313087 A 20210202; JP 2020001468 A 20200109; JP 7004400 B2 20220210; US 2021260924 A1 20210826; WO 2020004063 A1 20200102

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